

AMAYURU AMARASINGHE

Undergraduate

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PROFILE

A hard-working and self-motivated team player who is willing to face challenges and solve them using knowledge gained from the university.

EDUCATION

B.Sc.Engineering(Hons) Specialized in Computer Engineering

Undergraduate

2021-2025

University of Ruhuna

- Current GPA :3.57/4.0

GCE Advanced Level Examination

Mahinda College,Galle

October 2020

- Physical Sciences 3 A's

GCE Ordinary Level Examination

Mahinda College,Galle

December 2015

- 8 A's and 1 B

EXPERIENCE

Backend Developer

Focus Realm

April 2024-Present

Pune,India

PROJECTS

BusGo - Smart-phone based bus ticket booking

B.Sc. Research | University of Ruhuna

October 2023 - December 2023

- Bus Go is a dynamic and user-friendly mobile application developed using Flutter, designed to simplify and enhance the bus ticket booking experience for users on the go.
- Technologies : Flutter, Dart, Firebase,Google Cloud Platform

Leon's Kitchen-Galle

B.Sc. Research | University of Ruhuna

October 2023 - 2024

- As a key contributor to a real-world client project, I played a pivotal role in the development of a comprehensive Restaurant Management System, encompassing both a website and a mobile application for Leon's Kitchen. This client project aimed to enhance operational efficiency, streamline processes, and elevate the overall customer experience within the restaurant industry.
- Technologies : MERN,Flutter, Firebase,Google Cloud Platform
- Client : Mr.Layan Liyanage

Ride Easy - Taxi Booking System

B.Sc. Research | University of Ruhuna

October 2023 - 2024

- The Ride Easy Online Taxi Booking System is a web-based platform where my involvement centered on designing and developing a responsive website to streamline the taxi booking process. This initiative aimed to enhance user experience by implementing features such as a secure user authentication system.
- Technologies : MERN,Javascript,MongoDB, Google Cloud Platform

Hip Size and Waist Size Measuring Model

Fiverr Customer-Mr.Nadun Jayamaha

October 2023 - 2024

- In response to a specific request from my esteemed client, Mr. Nadun Jayamaha, on the freelance platform Fiverr, I undertook the development of a specialized model with the objective of predicting hip size and waist size based on input images.
- Technologies : Tensorflow,Python,Shapy

Heart Attack Risk Prediction

B.Sc. Research | University of Ruhuna

October 2023 - January 2024

- The Heart Attack Risk Prediction project, conducted under the EE5253 Machine Learning module, aimed to develop a predictive model for assessing the risk of heart attacks. Leveraging advanced machine learning techniques, we successfully applied Logistic Regression and Support Vector Machines (SVM) to predict and classify potential heart attack risks.
- Technologies : Python,Machine Learning Algorithms

PROJECTS(CONC.)

Video Pausing Programme with Python

Fiverr Customer-United States of America

📅 January 2024 – February 2024

- This project was done from a customer request from Fiverr.I have created a programme when the mouth is open playing video will pause ,when the mouth is closed video will play automatically.In this we are detecting mouth open or not from image processing.
- Technologies : Python,Machine Learning

Stanford Dog Breed Detection

Fiverr Customer-United States of America

📅 July 2023 – August 2023

- This project was done from a customer request from Fiverr.I have created a model that can predict the breed of the dog.For this I have used 20000 thousand images to predict the breed of the dog.
- Technologies : Python,Machine Learning

EXTRA CURRICULAR ACTIVITIES

Freelancer at Fiverr

2023

Captain of Mahinda College Quiz Team

2016

Coach of the Mahinda College Quiz Team

2018

Member of Junior Table Tennis Team

2011

Active Member of AIESEC in University of Ruhuna

2022-2023

Active Member of LEO Club in University of Ruhuna

2022-2023

Organizing Committee Vice President Logistics-Prestige 2.0

2023

Member of University Tennis Team

2022-2023

ACHIEVEMENTS

- Champions-Tokoyo Super Cement All Island Quiz-2016
- Champions-Olcott School Quiz(2016,2017)
- Champions-All Island School Quiz Organized by Maliyadewa College-2016
- Runnersup-Lions Club All Island Quiz Organized by University of Colombo-2018
- Runnersup-All Island School Quiz Organized by Lyceum International School-2016

CERTIFICATES

- Neural Networks and Deep Learning-Stanford University(November 2023-No Expiration Date)
- Supervised Machine Learning: Regression and Classification-Stanford University(April 2023-No Expiration Date)
- Introduction to Computer Vision-MathWorks(April 2023-No Expiration Date.)
- Python Data Structures-Coursera(December 2021-No Expiration Date.)
- Vector Calculus for Engineers-Coursera(May 2021-No Expiration Date)
- Introduction to Cybersecurity-Cisco(July 2021-No Expiration Date)

TECHNICAL SKILLS

Data Science and ML

TensorFlow

Keras

Scikit-learn

Programming Languages

JAVA

Python

JavaScript

Dart

C++

C

Frameworks and Tools

React

Node

Android Studio

MySQL

MongoDB

AWS Services

PERSONAL SKILLS

General languages

Sinhala

English

Tamil as a secondary language

Other

Good in self-learning

Good team working

Happy to take responsibilities

Happy to work hard

REFERENCES

Dr. P. D. C. Perera

Senior Lecturer,University of Ruhuna

📍 Department of Electrical and Information Engineering

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